H. TUECKMANTEL.

GARMENT HANGER.

APPLICATION FILED AUG. 4, 1910.

987,416. Patented Mar. 21, 1911.

2 SHEETS—SHEET 1.

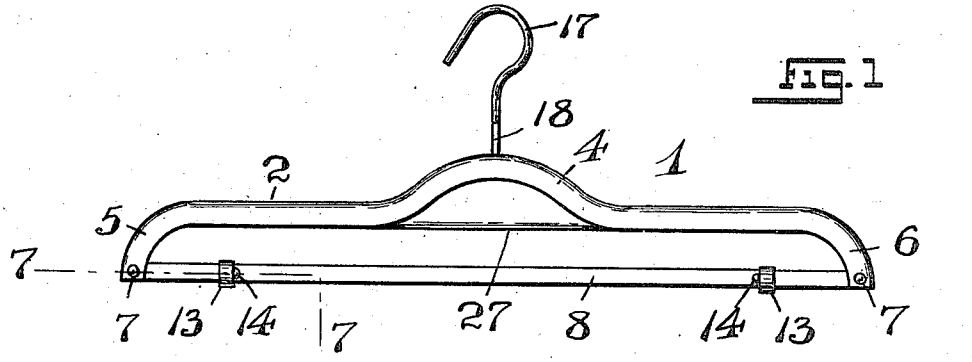


Fig. 1

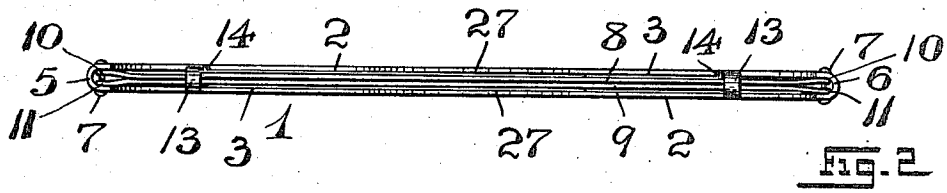


Fig. 2

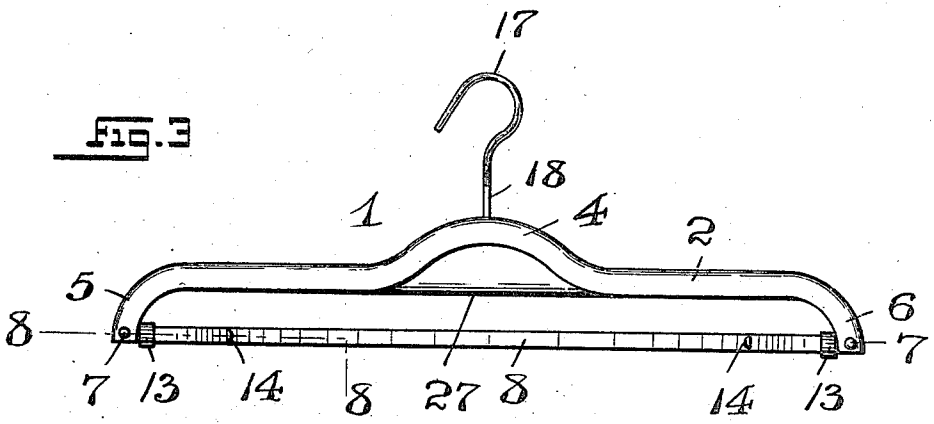


Fig. 3

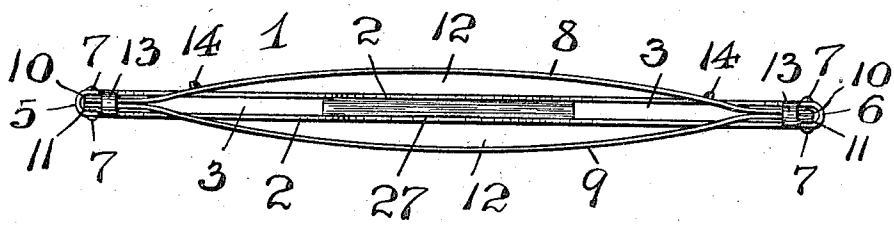


Fig. 4

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2 SHEETS—SHEET 2.

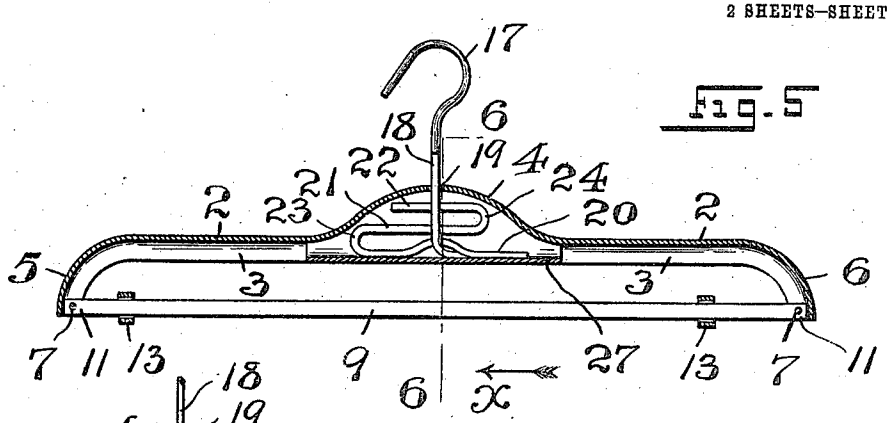


Fig. 5

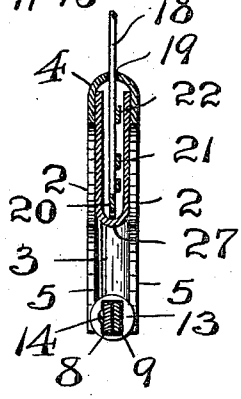


Fig. 6

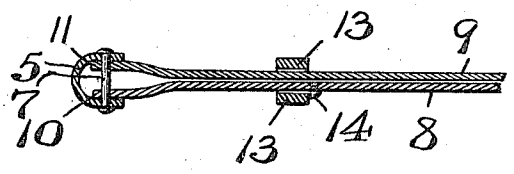


Fig. 7

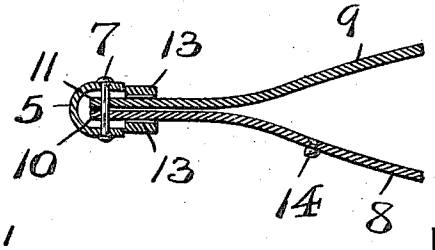


Fig. 8

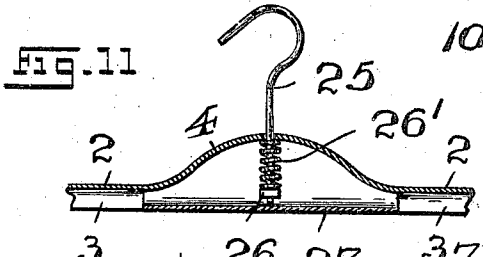


Fig. 11

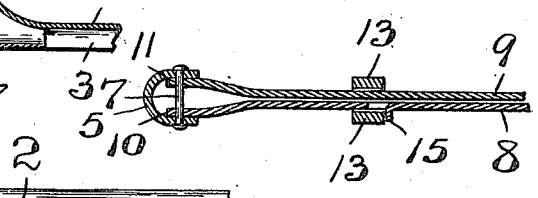


Fig. 9

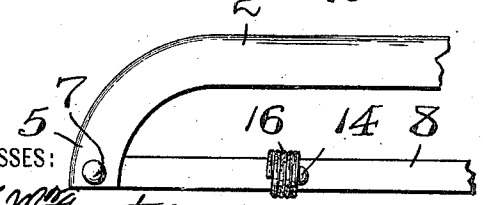


Fig. 10

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# UNITED STATES PATENT OFFICE.

HUGO TUECKMANTEL, OF IRVINGTON, NEW JERSEY.

## GARMENT-HANGER.

987,416. Specification of Letters Patent. Patented Mar. 21, 1911.

Application filed August 4, 1910. Serial No. 575,517.

*To all whom it may concern:*

Be it known that I, HUGO TUECKMANTEL, a citizen of the United States, residing at Irvington, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Garment-Hangers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to characters of reference marked thereon, which form a part of this specification.

This invention has reference, generally, to improvements in garment hangers or supporters; and, the present invention relates, more particularly, to a novel and cheaply constructed garment hanger or supporter of the general character hereinafter set forth, and which is made in such a manner that its width has been reduced to a minimum, so that a large number of the hangers can be arranged side by side upon the usual supporting rod or bar with which wardrobe trunks are provided, so that a larger number of the garment hangers or supporters of the present construction can be arranged in the same space, all things being equal, than the garment hangers of the ordinary construction now in general use.

The invention has for its principal object to provide a novel and simply constructed garment-hanger or supporter, all of the parts of which are made from sheet metal; and, furthermore, the invention has for its purpose to provide a garment hanger or supporter of greatly reduced width, and one in which the main supporting or hanging member is greatly reinforced by the arrangement of a shell which acts also as a housing or casing for the spring-portion of the shank of the hook by means of which the garment-supporter or hanger is adapted to be suspended from a nail, hook, or the supporting bar or rod in a wardrobe trunk.

The invention has for its further object to provide a garment supporter which can be used both as a coat and a trousers hanger, and the parts being made from sheet metal. A device of the general character hereinafter more fully set forth is provided which is very light in construction, and can be made very narrow in width, so that a great many of the garment hangers can be placed in a small space ordinarily found in wardrobe trunks.

The invention has for its further object to provide a garment hanger of the character hereinafter more fully set forth, in which the means for attaching the ends of trousers to the hanger comprises a pair of spring-like clamping members, between which the trousers can be arranged, and suitable means slidably mounted upon said clamping members for positively closing and bringing the said spring-like clamping members into their clamped and holding relation with the portions of the trousers which have been arranged between the said clamping or holding members.

Other objects of this invention not at this time more particularly enumerated will be clearly understood from the following detailed description of the same.

With the various objects of the present invention in view, the said invention consists, primarily, in the novel garment hanger hereinafter more fully set forth; and, the invention consists, furthermore, in the various novel arrangements and combinations of the several parts hereinafter more fully described, and then finally embodied in the clauses of the claim which are appended and which form an essential part of this specification.

The invention is clearly illustrated in the accompanying drawings, in which:

Figure 1 is a side elevation, and Fig. 2 a bottom view of a garment hanger showing one embodiment of the principles of the present invention, the spring-like clamping or holding members being represented in their closed or clamping relation. Fig. 3 is a side view, and Fig. 4 is a bottom view of the said garment hanger, but illustrating the said spring-like clamping or holding members in their opened-out positions, ready for the insertion of the lower end-portions of a pair of trousers between the said clamping or holding members. Fig. 5 is a central longitudinal vertical section of the garment hanger; and Fig. 6 is a transverse sectional representation of the same, said section being made on an enlarged scale, and being represented as taken on line 6—6 in Fig. 5 looking in the direction of the arrow *x*. Fig. 7 is a detail horizontal sectional representation taken on line 7—7 in said Fig. 1, said section being made on an enlarged scale;

Fig. 8 is a similar sectional representation, said section being taken on line 8—8 in Fig. 3, and said section also being made on an enlarged scale; and Fig. 9 is a detail horizontal sectional representation similar to that in Fig. 7 of the drawings, of a slightly modified form of construction. Fig. 10 is a side elevation of the one end-portion of a garment hanger of another modified form of construction; and Fig. 11 is a detail longitudinal vertical section of a portion of a garment hanger provided with a modified form of spring-supporting suspension.

Similar characters of reference are employed in all of the above described views, to indicate corresponding parts.

Referring now to the several figures of the drawings, the reference-character 1 indicates a complete garment supporter or hanger made according to the principles of the present invention, and the same comprises a main body or member 2 which is made from sheet metal and is U-shaped in cross-section, so as to form a chambered portion 3, substantially as indicated in the drawings. The central portion of the said main body or member 2 is formed with the upwardly extending chambered portion 4; and, the respective end-portions 5 and 6 of the said main body or member 2 are bent or curved in a downward direction, substantially in the manner illustrated in Figs. 1, 3, 5 and 10 of the drawings.

Extending across the chambered portions of the respective ends 5 and 6 are suitable pins or rivets, as 7, and suitably mounted upon the said pins are the respective end-portions 10 and 11 of a pair of spring-like clamping or holding bars or members 8 and 9, substantially as will be more particularly understood from an inspection of Figs. 7, 8 and 9 of the drawings. The said bars or members 8 and 9, as will be clearly evident from an inspection of the drawings, are made from suitable spring-like metal, so that under normal conditions, when the perforated end-portions of said bars 8 and 9 have been arranged upon the pins or rivets 7, the said bars or members will assume their relatively opened positions indicated more particularly in Fig. 4 of the drawings; and, in that case a suitable opening 12 is formed between the said separated bars or members 8 and 9 for the arrangement therein of portions of trousers or other garments, as will be clearly evident. To bring the said clamping or holding bars or members 8 and 9 into their positively clamped relation suitable tightening means, such as buttons 13 are slidably arranged upon the contiguous end-portions of the pair of clamping or holding bars or members 8 and 9, said tightening devices 13 being adapted to be moved in opposite directions upon the end-portions of said bars or members 8 and 9, either toward suitable stops or projections 14 with which one of the said bars, as 8, is provided, or toward the end-portions 5 and 6 of the main body-portion 2, as clearly indicated in the several figures of the drawings. As shown more particularly in Figs. 7 and 8 of the drawings, the said stops 14 are usually made in the form of rivets, but it will be evident that in lieu of these rivets 14, any other suitably formed stops may be provided, and in Fig. 9 of the drawings, I have shown a modified form of stop, as 15, which is made in the form of a projection or lip forced directly out of the metal of which the holding or clamping bar is made. Of course, it will be understood that the said clamping bar or member 8 may be provided with any other projection, protuberance, or the like, which serves as a stop to limit the sliding movement of the tightening member or element 13, as will be clearly evident.

In lieu of the slidable tightening member 13 indicated in Figs. 1 to 9 inclusive, in which case the member 13 is made in the form of a solid button, the said tightening devices or members may be made in the form of coils, as 16, see Fig. 10 of the drawings, which are made from wire and are suitably coiled about the bar or member 8, so as to be slidably arranged thereon.

The reference-character 17 indicates a suitably formed suspension hook, which, as will be seen from Fig. 5 of the drawings, has a shank 18 extending into and through a suitably formed hole 19 with which the upwardly extending part 4 of the main body-portion 2 is provided. The lower portion of the said shank 18 is then bent in the form of laterally extending portions 21 and 22, said portions being connected by means of curved parts 23 and 24. In this manner, the suspension hook becomes suitably spring-supported and thus provides a means of suspension having great resiliency.

In Fig. 11, I have shown another form of suspension hook whose shank is screw-threaded and provided with a nut 26 thereon; and, encircling the said shank, between the said nut 26 and the under surface of the raised portion 4 of the main body 2, is a coiled spring 26′, which serves the same purpose as the lower spring-like portions of the hook, represented in Figs. 1, 3 and 5 of the drawings. Arranged so as to extend across the open space formed by the upwardly curved portions 4 of the main body 2, and so as to close the said space, is a U-shaped member or element 27, the side-members of the said element 27 having sufficient spring-like movement in opposite outward directions, so that, when the device 27 is arranged in the chambered portion of the said main body portion 2, its sides will be suitably compressed and brought in positive frictional holding engagement with the inner surface-

portions of the chambered body-portion 2, in substantially the manner shown and as will be clearly evident from an inspection of Figs. 4, 5 and 6 of the drawings. While this member or element 27 serves as an inclosing means or shell for the lower shank-portions of the suspension hook, it will also be clearly seen, that the said member or shell 27 in extending or bridging across the opening formed beneath the part 4, provides a suitable reinforcing means which gives strength and rigidity to the garment supporter or hanger, thus preventing the bending of the hanger in either direction, so that a very lightly constructed hanger in this case can be employed for the suspension therefrom of heavy garments without distorting or bulging out of shape the hanger, as will be clearly evident.

I am aware that some changes may be made in the general arrangements and combinations of the various parts, without departing from the scope of my present invention, as described in the foregoing specification, and as defined in the clauses of the claim which are appended to the specification. Hence, I do not limit my present invention to the exact arrangements and combinations of the several parts as set forth in the said specification, nor do I confine myself to the exact details of the construction of the said parts as illustrated in the accompanying drawings.

I claim:

1. A garment hanger or supporter comprising a main chambered body, said body being formed with an upwardly extending chambered portion, a means of suspension connected with said upwardly extending portion, and a reinforcing means connected with and extending across the lower open part formed by said upwardly extending chambered portion of said main body, substantially as and for the purposes set forth.

2. A garment hanger or supporter comprising a main chambered body, said body being formed with an upwardly extending chambered portion, a means of suspension connected with said upwardly extending portion, and a reinforcing member formed with upwardly projecting sides and U-shaped in cross-section, said reinforcing member extending across the lower open part formed by said upwardly extending chambered portion of said main body, the upwardly extending sides of said reinforcing member projecting into the said upwardly extending chambered portion of the main body and being in frictional holding engagement with the inner surface-portions of the said upwardly extending chambered portion of the main body, substantially as and for the purposes set forth.

3. A garment hanger or supporter comprising a main body for the support of a garment thereon, and a means of suspension connected with said body, consisting of a shank extending through said body, a suspension hook upon the upper end-portion of said shank, and laterally extending elements and connecting curved portions connected with the lower end-portion of said shank for producing a resilient spring-like action of said suspension means, substantially as and for the purposes set forth.

4. A garment hanger or supporter comprising a main chambered body, said body being formed with an upwardly extending chambered portion, a reinforcing member formed with upwardly projecting sides and U-shaped in cross-section, said reinforcing member extending across the lower open part formed by said upwardly extending chambered portion of said main body, the upwardly extending sides of said reinforcing member projecting into said upwardly extending chambered portion of the main body and being in frictional holding engagement with the inner surface-portions of the said upwardly extending chambered portion of the main body, and a suspension hook having a shank extending through said upwardly extending portion of the main body and between the sides of said U-shaped reinforcing member, and laterally extending elements and connecting curved portions connected with said shank for producing resilient spring-like action of said suspension hook, and said reinforcing member forming a support for the lower-end portion of said suspension hook, substantially as and for the purposes set forth.

In testimony, that I claim the invention set forth above I have hereunto set my hand this 27th day of July, 1910.

HUGO TUECKMANTEL.

Witnesses:
FREDK C. FRAENTZEL,
FRED'K H. W. FRAENTZEL.